

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Tyagi et al.

Application No.:

10/687,402

Examiner:

Fernandez, Susan

Filed:

October 16, 2003

Art Unit:

1651

For:

A SCREENING METHOD FOR DEVELOPING DRUGS AGAINST PATHOGENIC MICROBES HAVING TWO-COMPONENT SYSTEM

INFORMATION DISCLOSURE STATEMENT

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Box 1450, Alexandria, VA 22313-1450.

December 6, 2004

Rochelle K. Seide

Attorney Name

32,300

PTO Registration No

-10.00

December 6, 2004

Date of Signature

Commissioner for Patents

Box 1450

Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§1.97 and 1.98, applicants respectfully request that the documents listed below and on the accompanying PTO 1449 be considered by the Examiner and made of record in the above-referenced application. Copies of the documents listed are enclosed.

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Identification of the above-listed documents is not to be construed as an admission of the applicants or attorneys for applicants that such citations are available as "prior art" against the subject application.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that the listed documents are material or constitute

"prior art." If the Examiner applies the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of the documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should the documents be applied against

Pursuant to 37 C.F.R. § 1.97(b)(3), this Information Disclosure Statement is being filed, the applicants believe, before the mailing date of a first Office Action on the merits. Thus, there should be no fee required for this submission. However, if any fee is required, or if any overpayment has been made, the Commissioner is hereby authorized to charge any fees, or credit or any overpayments made, to Deposit Account 02-4377. A duplicate copy of this page is enclosed.

Respectfully submitted,

BAKER BOTTS L.L.P.

By:

Rochelle K. Seide

Patent Office Reg. No. 32,300

Attorney for Applicants

30 Rockefeller Plaza

44th Floor

New York, NY 10112

(212) 408-2500

Form PTO-1449 U.S. Department of Commerce (REV. 2-82) Patent and Trademark Office									Atty. Docket No. Serial No. 10/687,402					
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) OEL 0 9 2004								STA	TEMENT	Applicant Tyagi et al.				
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		a mycolyl transferase. J. Mol. Biol. 307, 671-681 Armitige, L.Y., Jagannath, C., Wanger, A.R. and Norris, S.J. (2000) Disruption of gene encoding antigen 85A and 85B of Mycobacterium tuberculosis H37Rv: Effect on growth in culture and in macrophages. Infect. Immun. 68, 76 – 78 Baikalov, I., Schroder, I., Kaczor – Grzeskowiak, M., Grzeskowiak, K., Gunsalus, R.P. and Dickerson, R.E. (1996) Structure of the Escherichia coli response regulator NarL. Biochemistry 35, 11053 - 11061 Baltch, A.L., Smith, R.P., Ritz, W.J. and Bopp, L.H. (1998) Comparison of inhibitory and bactericidal activities and postantibiotic effects of LY333328 and Ampicillin used singly and in combination against vancomycin – resistant Enterococcus faecium. Antimicrob. Agents Chemother. 42, 2564-2568 Barrett, J.F. and Hoch, J.A. (1998) Two-component signal transduction as a target for microbial anti – infective therapy. Antimicrob. Agents Chemother. 42, 1529-1536 Barry, C.E. III, Slayden, R.A., Simpson, A.E. and Lee, R.E. (2000) Use of genomics and combinatorial chemistry in						68, 76 1996) es and ant						
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^{*} Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

	1-1449 U.S. Department of Commerce 2) Patent and Trademark Office	A35478 066123.0125	10/687,402			
INFOR	EMATION DISCLOSURE STATEMENT BY APPLICANT	Applicant Tyagi et al.				
	(Use several sheets if necessary)	Filing Date October 16, 2003	Group 1651			
	Bradford, M. M. (1976) A rapid and sensitiv the principle of protein – dye binding. <i>Anal.</i>		rogram quantities of protein utilizin			
	Chen, P., Ruiz, R.E., Li, Q., Silver, R.F. and tuberculosis mutant lacking the alternate sign					
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	Collins D.M., Kawakami R.P., de Lisle G.W., Pascopella L., Bloom B.R. and Jacobs W.R. Jr. (1995) Mutation of the principal sigma factor causes loss of virulence in a strain of the <i>Mycobacterium tuberculosis</i> complex. Proc. Natl Acad. Sci. USA 92, 8036 - 8040					
	Cooper J.B., McIntyre K., Badasso M.O., Wood S.P., Zhang Y., Garbe T.R. and Young, D. (1995) X -ray structure analysis of the iron-dependent superoxide dismutase from <i>Mycobacterium tuberculosis</i> at 2.0 Angstroms resolution reveals novel dimer-dimer interactions. J. Mol. Biol. 246, 531 – 544					
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	Domagala, J.M., Alessi, D., Cummings, M., et in drug design: Inhibition of NRII by diphenol	t al. (1998) Bacterial two-compone lic methanes (bisphenols). Adv. Ex	nt signalling as a therapeutic target p. Med. Biol. 456, 269 – 286			
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	1449 U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. A35478 066123.0125	Serial No. 10/687,402				
INFOR	MATION DISCLOSURE STATEMENT BY APPLICANT	Applicant Tyagi et al.					
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	Dziejman, M. and Mekalanos, J.J. (1995) two bacterial virulence factors in Hock, J.A. and S DC. American Society for Microbiology. Pp.	ilhavy, T.J. Eds. Two component					
		El-Masry, A.H., Fahony, H.H. and Abdelwahed, S.H.A. (2000) Synthesis and anti microbial activity of some new benzimidazole derivatives. <i>Molecules</i> 5, 1429 – 1438					
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		Glickman, M.S., Cox, J.S. and Jacobs, W.R. Jr. (2000) A novel mycolic acid cyclopropane synthetase is required fo coding, persistence and virulence of <i>Mycobacterium tuberculosis</i> . <i>Mol. Cell</i> 5, 717 – 727					
,	Grange, J.M. (1992) The mystery of the myco	Grange, J.M. (1992) The mystery of the mycobacterial 'persistor'. Tuber. Lung Dis. 73, 249 – 251					
•	Haydel, S.E., Dunlap, N.E. and Benjamin, W.I. phosphorylation between the <i>Mycobacterium to</i>						
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	Klimesova, V., Koc, J., Waisser, K. and Kaust agents. Il Farmaco, 57, 259 – 265	tova, J. (2002b) New benzimidazo	le derivatives as antimycobacterial				
	Kramer, MJ and Grunberg, E. (1973) Effect of Chemotherapy, 19, 254 - 258	f ethidium bromide against transpla	antable tumors in mice and rats.				

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